

09/317103

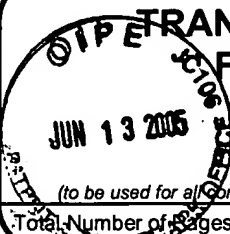
C 8 C

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

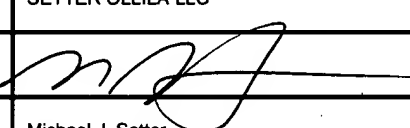
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

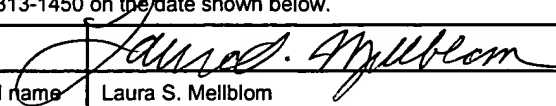
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO TRANSMITTAL FORM  (to be used for all correspondence after initial filing)	Application Number	09/317,103; PATENT 6,895,088 B1	
	Filing Date	5/21/1999	
	First Named Inventor	Nelson	
	Art Unit	2642	
	Examiner Name	Hector A. Agdeppa	
Total Number of Pages in This Submission	3	Attorney Docket Number	1176

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Certificate of Correction (one sheet) Red-lined sheet of Patent (one sheet) Amendment sheet showing amended claim (one sheet)
Remarks It is believed that no fees are due in this matter. However, if it is determined that fees are due, the Commissioner is authorized to debit Deposit Account No. 210765 for the required fees.		

Certificate
JUN 15 2005
of Correction

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm	SETTER OLLILA LLC		
Signature			
Printed Name	Michael J. Setter		
Date	6-8-05	Reg. No.	37,936

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Signature			
Typed or printed name	Laura S. Mellblom	Date	6-9-05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

JUN 16 2005

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO : 6,895,088 **B1**

DATED : May 17, 2005

INVENTOR(S) : Tracy Lee Nelson, Charles Arthur Jennings

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 39, line 1

replace "a human machine interface cored to provide an interface"
with -- a human machine interface configured to provide an interface --

MAILING ADDRESS OF SENDER: Sprint Communications Company L. P.
6391 Sprint Parkway
Overland Park, KS 66251-2100

PATENT NO. 6,895,088

No. of additional copies



This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

JUN 16 2005

39 Configured

40

a human machine interface ~~error~~ to provide an interface for an operator to enter the call processing data to generate the updated call processing tables.

3. The communication system of claim 2, wherein the call processing control system comprises:

a user security configuration system configured to allow selected operators to enter the call processing data to generate the undated call processing tables.

4. The communication system of claim 1, wherein the call processing control system receives the call processing data from an operations center.

5. The communication system of claim 1, wherein the call processing control system comprises:

a regional craft view system configured to allow an operations center to view configurations of the signaling processors.

6. The communication system of claim 1, wherein the call processing tables include a called number table.

7. The communication system of claim 1, wherein the call processing tables include a routing table.

8. The communication system of claim 1, wherein the call processing tables include an automatic number identification table.

9. The communication system of claim 1, wherein each of the connection systems is configured to interwork the user communications between non-asynchronous transfer mode (ATM) connections and asynchronous transfer mode (ATM) connections.

10. The communication system of claim 1, wherein each of the connection systems is configured to interwork the user communications between time division multiplexed (TDM) connections and asynchronous transfer mode (ATM) connections.

11. A method of operating a communication system comprising a plurality of signaling processors, a plurality of connection systems, and a call processing control system, the method comprising:

in each of the signaling processors, receiving signaling for a call, processing the signaling based on the call processing table to select an identifier for routing the call, and transmitting a control message identifying the identifier;

in each of the connection systems, receiving user communications for a call, receiving a control message that includes an identifier for routing the call, interworking the user communications based on the identifier in the control message to control the point of interworking,

and transmitting the user communications that include the identifier for routing the call; and

in the call processing control system, receiving call processing data from the signaling processors, processing the call processing data to generate updated call processing tables, and transmitting the updated call processing tables to the signaling processors to remotely control call processing.

12. The method of claim 11 wherein the call processing control system further comprises a human machine interface, the method further comprising:

in the human machine interface, providing an interface for an operator to enter the call processing data to generate the updated call processing tables.

13. The method of claim 12, wherein the call processing control system further comprises a user security configuration system the method further comprising:

in the user security configuration system, allowing selected operators to enter the call processing data to generate the updated call processing tables.

14. The method of claim 11, wherein receiving the call processing data comprises:

receiving the call processing data from an operations center.

15. The method of claim 11 wherein the call processing system further comprises a regional craft view system, the method further comprising:

in the regional craft view system, allowing an operations center to view configurations of the signaling processors.

16. The method of claim 11 wherein the call processing tables include a called number table.

17. The method of claim 11 wherein the call processing tables include a routing table.

18. The method of claim 11 wherein the call processing tables include an automatic number identification table.

19. The method of claim 11 wherein interworking the user communications comprises:

interworking the user communications between non-asynchronous transfer mode (ATM) connections and asynchronous transfer mode (ATM) connections.

20. The method of claim 11 wherein interworking the user communications comprises:

interworking the user communications between time division multiplexed (TDM) connections and asynchronous transfer mode (ATM) connections.

* * * * *

Amendments to the Claims

Copy of Amended Claims
Submitted 9-3-04



Claims 1-107. (Cancelled)

108. (Previously Presented) A communication system, comprising:

a plurality of signaling processors, wherein each of the signaling processors includes a call processing table and each of the signaling processors is configured to receive signaling for a call, process the signaling based on the call processing table to select an identifier for routing the call, and transmit a control message identifying the identifier;

a plurality of connection systems, wherein each of the connection systems is configured to receive user communications for a call, receive a control message that includes an identifier for routing the call, interwork the user communications based on the identifier in the control message, and transmit the user communications that include the identifier for routing the call; and

a call processing control system coupled to the signaling processors and configured to receive call processing data from the signaling processors, process the call processing data to generate updated call processing tables, and transmit the updated call processing tables to the signaling processors to remotely control call processing.

2. 109. (Previously Presented) The communication system of claim 108 wherein the call processing control system comprises:

a human machine interface configured to provide an interface for an operator to enter the call processing data to generate the updated call processing tables.

110. (Previously Presented) The communication system of claim 109 wherein the call processing control system comprises:

a user security configuration system configured to allow selected operators to enter the call processing data to generate the updated call processing tables.